



THE METRO HOUSING TRUST FUND

Energy Efficiency & Sustainability

The Barnes Fund requires units to be sustainable and energy efficient to maintain homeowner health and safety. **At least 10** of the following criteria must be utilized in each unit and/or common area where applicable. These items must be listed in the building specifications or work write-ups.

Energy Efficiency & Sustainability Practices and Standards

- Energy Star rated heating and cooling products with programmable thermostats.
- All windows Energy Star rated.
- Qualified energy star appliances or products (must have three or more) – refrigerator, dishwasher, range hood, washing machine, ceiling fans, light fixtures, ventilation fans or water heaters.
- Projects with on-site laundry facilities must have clothes washers that are Energy Star qualified to receive points.
- Install compact florescent or LED light bulbs throughout the project.
- Install tankless water heaters in each unit.
- Provide vegetated open space equal to either 20% of the project site area or equal to the building footprint. Vegetate open space is defined as lawns, gardens, plant beds, fishponds with plants, shrubs and trees.
- Place a minimum of 50% of the resident parking spaces under cover.
- All lavatory faucets must have flow of less than or equal to 2.0 gallons per minute (gpm).
- All showers must have a flow rate of less than or equal to 2.0 gallons per minute (gpm).

- The average flow rate for all toilets must be less than or equal to 1.3 gallons per flush (gpf).
- Toilets must be dual-flush and meet the requirements of ASME A112.19.14.
- Toilets must meet the U.S. EPA WaterSense specification and be certified and labeled accordingly.
- All domestic hot water piping shall have R-4 insulation.
- Central hot water manifold trunk no more than 6 feet, insulated to R-4, with no branch line exceeding 20 feet.
- Compact hot water supply line design with no run over 20 feet from the water heater.
- All carpet used must meet the product testing requirements of the Carpet and Rug Institute's Green Label Plus program.
- All adhesives, sealants and primers used on the interior of the building and applied on site will comply With South Coast Air Quality Management District Rule #1168.
- Provide an accessible area for the recycling of non-hazardous materials. The property management is responsible for ensuring the proper disposal and removal of recyclables.